

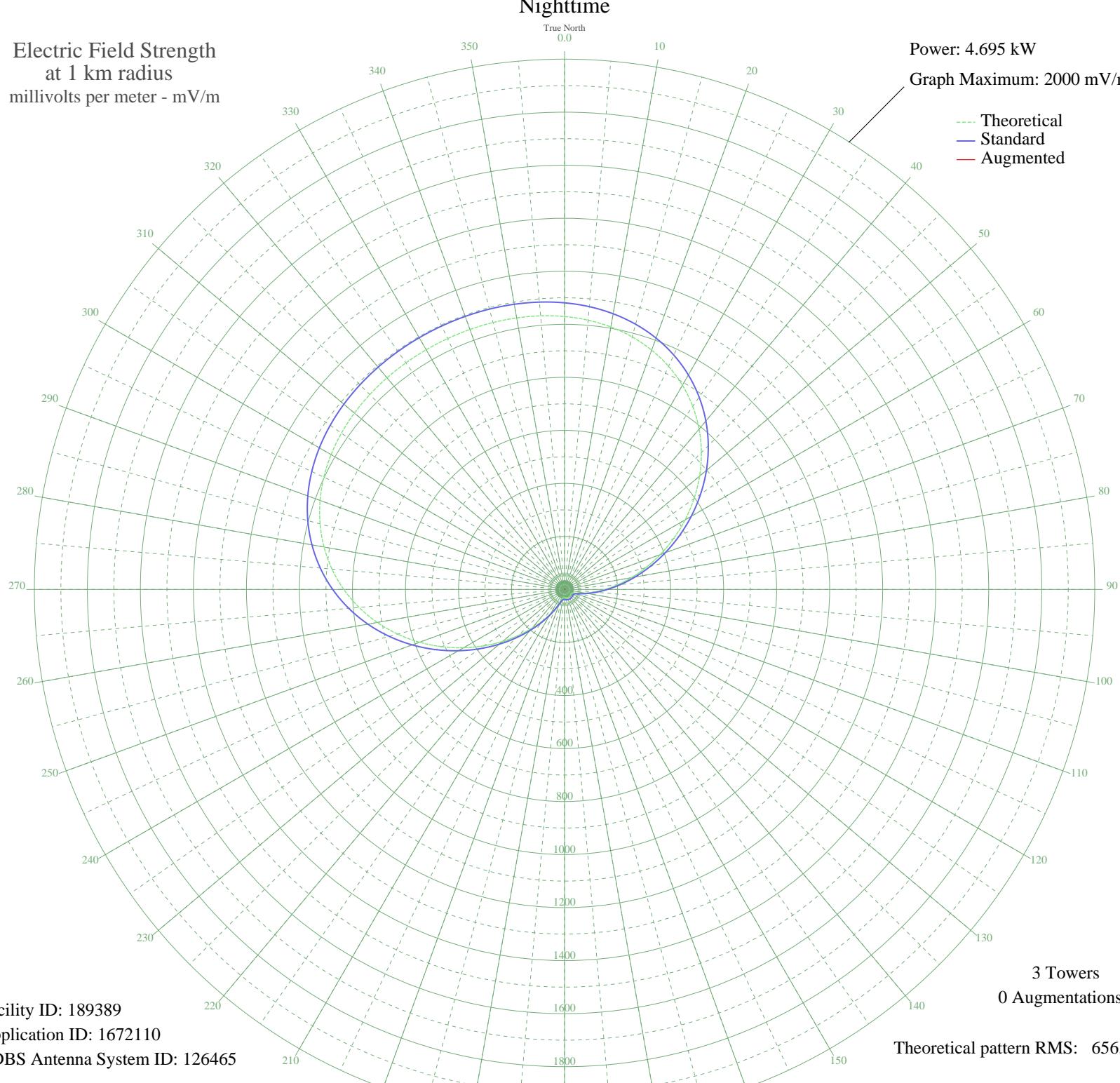
C830 GRANDE PRAIRIE, AB Canada -- 830 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 4.695 kW
Graph Maximum: 2000 mV/m

Theoretical
Standard
Augmented



Facility ID: 189389
Application ID: 1672110
CDBS Antenna System ID: 126465

3 Towers
0 Augmentations

Theoretical pattern RMS: 656.64

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1029.26	1080.96	
5	1019.38	1070.59	
10	1005.24	1055.74	
15	985.90	1035.45	
20	960.54	1008.82	
25	928.48	975.17	
30	889.30	934.04	
35	842.89	885.33	
40	789.52	829.31	
45	729.86	766.69	
50	664.94	698.56	
55	596.18	626.40	
60	525.24	551.97	
65	453.95	477.19	
70	384.19	404.05	
75	317.76	334.42	
80	256.25	270.02	
85	200.95	212.22	
90	152.82	162.07	
95	112.47	120.26	
100	80.17	87.20	
105	56.03	63.07	
110	40.02	47.78	
115	31.65	40.27	
120	28.97	37.99	
125	29.07	38.07	
130	29.94	38.81	
135	30.82	39.56	
140	31.54	40.18	
145	32.05	40.62	
150	32.34	40.87	
155	32.36	40.90	
160	32.13	40.69	
165	31.66	40.28	
170	30.98	39.70	
175	30.13	38.97	

Azimuth	E _{theo}	E _{std}	E _{aug}
180	29.22	38.20	
185	28.85	37.89	
190	30.75	39.50	
195	37.77	45.72	
200	52.18	59.32	
205	74.69	81.65	
210	105.36	112.94	
215	144.12	153.02	
220	190.72	201.55	
225	244.65	257.89	
230	305.02	321.08	
235	370.59	389.78	
240	439.82	462.37	
245	510.95	536.98	
250	582.11	611.64	
255	651.45	684.40	
260	717.25	753.46	
265	778.07	817.29	
270	832.76	874.69	
275	880.59	924.90	
280	921.22	967.55	
285	954.68	1002.67	
290	981.34	1030.65	
295	1001.81	1052.15	
300	1016.93	1068.01	
305	1027.58	1079.20	
310	1034.71	1086.69	
315	1039.20	1091.40	
320	1041.83	1094.16	
325	1043.23	1095.63	
330	1043.83	1096.26	
335	1043.88	1096.31	
340	1043.40	1095.81	
345	1042.19	1094.54	
350	1039.86	1092.09	
355	1035.80	1087.82	

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

29 Feb 2016

Prepared by Audio Division, Media Bureau
Federal Communications Commission